

AMENDMENTS TO THE CLAIMS

1. (currently amended): A method of treatment with photodynamic therapy to increase the number of terminal hairs on the skin of a subject in need of such increase comprising:
 - (a) administering photosensitizer to an area of skin of said subject where hair growth is desired; and
 - (b) irradiating the area with energy containing a wavelength appropriate to activate the photosensitizer;
wherein there is 2% or more increase in the number of terminal hairs in the treated area within 3 months is increased.
2. (currently amended): [[A]] The method of treatment with photodynamic therapy comprising administering photosensitizer to an area of skin where hair growth is desired and irradiating the area with energy containing a wavelength appropriate to activate the photosensitizer claim 1, wherein the treatment irradiating delivers a low dose of PDT and result in an increase in the number of terminal hairs in the treated area.
3. (currently amended): A method according to Claim 2 The method of claim 1, wherein there is a 2% or more, preferably 3% or more, more preferably 4% or more, increase in the number of terminal hairs in the treated area is at least 2% within 3 months.
4. (currently amended): A method according to Claim 1 The method of claim 2, wherein there is 3% or more, preferably 4% or more, the increase in the number of terminal hairs in the treated area is at least 2% within 3 months.
5. (currently amended): A method according to any of the preceding claims The method of claim 1, wherein the photosensitizer is administered topically to the area where hair growth is desired. administering in step (a) is topical.

6. (currently amended): A method according to any of the preceding claims
The method of claim 5, wherein the photosensitizer is administered topically and is massaged said topical administrating includes massaging on the area where hair growth is desired.

7. (currently amended): A method according to any of the preceding claims
The method of claim 5, wherein the photosensitizer is administered in the form of a topical formulation having a viscosity at 20°C of from about 50 cps to about 50000 cps.

8. (currently amended): A method according to any of the preceding claims
The method of claim 1, wherein the photosensitizer is selected from the group consisting of pro-porphyrins, porphyrins, porphyrin derivatives, and mixtures thereof.

9. (currently amended): A method according to any of the preceding claims
The method of claim 1, wherein the activation irradiating of step (b) is conducted by delivering said energy is delivered at a time 5 minutes to 4 hours after the administration of administering the photosensitizer.

10. (currently amended): A method according to any of the preceding claims
The method of claim 1, wherein the total dose of the activation energy in step (b) does not exceed 200 J/cm², preferably 100 J/cm².

11. (currently amended): A method according to any of the preceding claims wherein the subject is additionally treated The method of claim 1, which further includes treating the subject with at least one non-photodynamic treatment that causes an increase in the number of terminal hairs within the treatment area.

12. (currently amended): A method according to any of the preceding claims wherein the The method of claim 1, wherein the subject is treated with at least one non-photodynamic treatment is selected from the group consisting of 5-alpha reductase inhibitors, minoxidil, hair transplantation, scalp reduction, and combinations thereof.

13. (currently amended): ~~[[A]] The method of treatment with photodynamic therapy comprising administering a photosensitizer to an area where an increase in the number of terminal hairs is desired and irradiating that area with activation energy of an appropriate wavelength to activate the photosensitizer claim 1, wherein said method increases the level of at least one pro-inflammatory cytokine in the treated area treated is increased.~~

14. (currently amended): A method according to ~~Claim 13~~ The method of claim 13, wherein the at least one pro-inflammatory cytokine is selected from the group consisting of granulocyte-macrophage colony stimulating factor, interleukin-1- α , and interleukin-1- β , and combinations thereof.

15. (currently amended): A method according to any of the preceding claims The method of claim 1, wherein the subject is suffering from hair loss caused by androgenetic alopecia.

16. (currently amended): A method of determining ~~[[the]]~~ any increase in hair growth in a subject's first area of skin exhibiting hair growth reduction or hair loss, said method comprising:

- (a) administering a photosensitizer to said first area of said skin;
- (b) irradiating ~~said [[skin]]~~ first area with electromagnetic energy containing a wavelength absorbed by said photosensitizer to activate it; and
- (c) ~~measuring comparing the increase in hair growth, wherein an increase in hair growth in comparison to in said first area to hair growth in a second area of said skin that has not been treated with both (a) and (b), can be determined~~
whereby any increase in hair growth in said first area is determined.

17. (currently amended): The method of ~~Claim 16~~ claim 16, wherein said photosensitizer ~~is selected from those which absorb~~ absorbs radiation in the range of 400nm to 800nm.

18. (currently amended): The method of ~~Claim 16 or 17~~ claim 16, wherein the photosensitizer is administered by topical application.

19. (currently amended): The method of ~~Claim 16, 17 or 18~~ claim 16, wherein said electromagnetic energy is visible light.

20. (currently amended): The method of ~~Claim 16, 17, 18 or 19~~ claim 16, wherein the increase in hair growth is measured by counting the number of terminal hairs, measuring hair weight, measuring hair density, and/or measuring hair shaft diameter.